

DERWENT-ACC-NO: 1992-348075  
DERWENT-WEEK: 199242  
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TITLE: Restoration of graphite crucibles - uses mutually  
opposed threaded  
plugs precoated with carbon-contg. polymer, in the  
drilled-out crucible walls

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PATENT-ASSIGNEE: RAILWAY TRANSP RES INST(RATR)

PRIORITY-DATA: 1989SU-4703240 (June 8, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
SU 1699755 A1	December 23, 1991	N/A
004	B23P 006/00	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
SU 1699755A1	N/A	1989SU-4703240
June 8, 1989		

INT-CL (IPC): B23P006/00

ABSTRACTED-PUB-NO: SU 1699755A

BASIC-ABSTRACT: Process for repairing graphite crucibles  
used for melting of  
highly reactive metals and alloys employs drilling out (3)  
of the defect in the  
wall (2), tapping it and plugging it with two mutually  
opposed plugs (4,5) of  
the same material. The plugs are tightened to a specified  
compression in the  
range of 0.2-1.5 MPa and, prior to assembly, are coated  
with a carbon polymer  
selected from phenol-formaldehyde, bakelite lacquer and  
furfuryl alcohol.

ADVANTAGE - The operational reliability of the process is  
obtd. Bul.47/23.12.91

CHOSEN-DRAWING: Dwg.3/3

TITLE-TERMS:

RESTORATION GRAPHITE CRUCIBLE MUTUAL OPPOSED THREAD PLUG  
PRECOAT CARBON CONTAIN  
POLYMER DRILL CRUCIBLE WALL

DERWENT-CLASS: A88 L02 M25 P56

CPI-CODES: A12-B08; A12-W12F; A12-W12G; L02-H04; M25-J;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 1277 1310 1357 1379 1517 1996 2729 3314

Multipunch Codes: 014 04- 080 14& 140 153 180 213 214 215

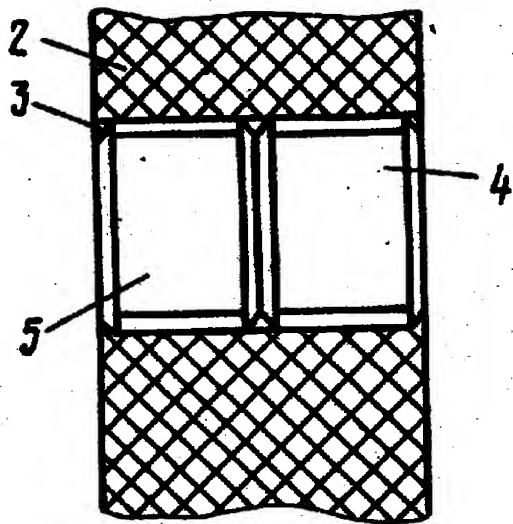
23& 231 236 445 477

52& 678 681

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-154550

Non-CPI Secondary Accession Numbers: N1992-265614



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